

What is claimed is:

1. An organic acid metal salt obtained by reacting a saturated monocarboxylic acid or its salt and an inorganic magnesium compound, wherein the saturated monocarboxylic acid or its salt contains at least 97 wt% of a saturated monocarboxylic acid having 4 to 10 carbon atoms or its salt, and

the organic acid metal salt contains at least 99 wt% of an organic acid magnesium salt.

2. The organic acid metal salt of claim 1, wherein the saturated monocarboxylic acid having 4 to 10 carbon atoms is a saturated linear monocarboxylic acid.

3. The organic acid metal salt of claim 1, wherein the organic acid metal salt is characterized in that a solution prepared by dissolving the organic acid metal salt in ethanol at a concentration of 40 wt% is clear after the solution is allowed to stand at 30°C for one hour.

4. A method for producing an organic acid metal salt, comprising the step of,

reacting an inorganic magnesium compound with a saturated monocarboxylic acid or its salt in a molar ratio of 1:2 to 1:3,,

wherein the saturated monocarboxylic acid or its salt contains at least 97 wt% of a saturated monocarboxylic acid or its salt having 4 to 10 carbon atoms, and

wherein the organic acid metal salt contains at least 99 wt% of an organic acid magnesium salt.

5. The method of claim 4, wherein the saturated monocarboxylic acid having 4 to 10 carbon atoms is a saturated linear monocarboxylic acid.
6. The method of claim 4 or 5, wherein the saturated monocarboxylic acid or its salt is a saturated monocarboxylic acid.
7. The method of any one of claims 4 to 6, wherein the reaction is performed in a solvent that is water or an organic solvent containing at least 10 wt% of water.
8. The method of claim 7, further comprising the step of removing the solvent at 80°C or less.
9. The method of any one of claims 4 to 8, wherein the inorganic magnesium compound is magnesium hydroxide.
10. A coating liquid for forming a magnesium oxide film, comprising,
100 parts by weight of an organic solvent selected from the group consisting of an alcohol solvent and a mixed solvent that contains an alcohol solvent, and
1 to 100 parts by weight of an organic acid metal salt according to any one of claims 1 to 4.
11. The coating liquid of claim 10, wherein the mixed solvent is a mixed solvent of an alcohol solvent and a solvent selected from the group consisting of an aliphatic hydrocarbon solvent, an ester solvent, an ether solvent and a halogen solvent.
12. The coating liquid of claim 10 or 11, wherein the mixed solvent

contains at least 5 wt% of an alcohol solvent.

13. The coating liquid of any one of claims 10 to 12, wherein the alcohol solvent is monohydric or polyhydric alcohol having 1 to 8 carbon atoms.

14. The coating liquid of any one of claims 10 to 13, wherein each of the boiling point of the alcohol solvent and the boiling point of the organic solvent contained in the mixed solvent is 70°C or more and 200°C or less.